

10

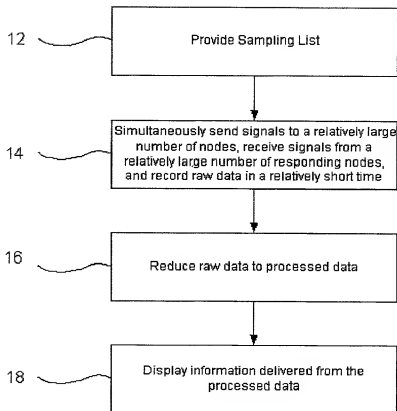


FIG 1

1041190" 20962660

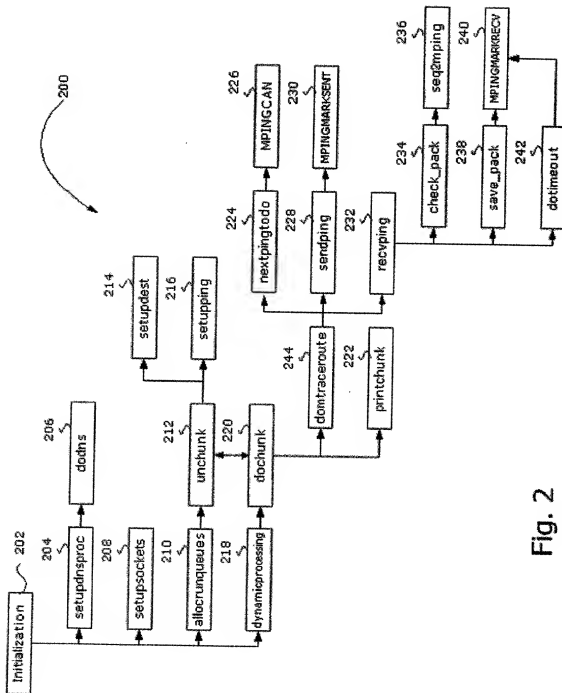
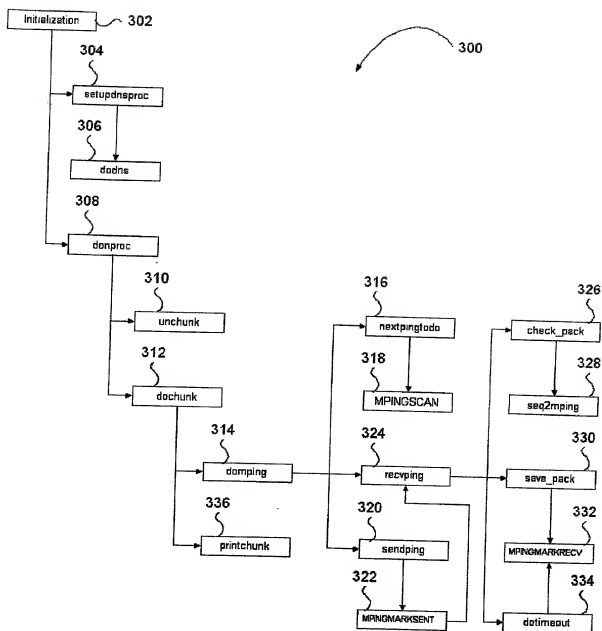


Fig. 2

[illegible]

F16 3

```

graph TD
    Start([Start]) --> AnotherPoint{Another Point}
    AnotherPoint -- No --> Stop([Stop])
    AnotherPoint -- Yes --> ReadPoint[Read Point]
    ReadPoint --> WindowFull{Average Window Full?}
    WindowFull -- No --> AnotherPoint
    WindowFull -- Yes --> AddPoint[Add point to window, drop oldest point in window]
    AddPoint --> ComputeAvg[Compute average of points in window]
    ComputeAvg --> Threshold1{New average > Threshold?}
    Threshold1 -- No --> AnotherPoint
    Threshold1 -- Yes --> Threshold2{New average > absolute minimum data threshold?}
    Threshold2 -- No --> AnotherPoint
    Threshold2 -- Yes --> Threshold3{New average - previous average > absolute minimum difference threshold?}
    Threshold3 -- No --> AnotherPoint
    Threshold3 -- Yes --> Output[Output event notification]
    Output --> AnotherPoint

```

FIG. 4

09029600 001101

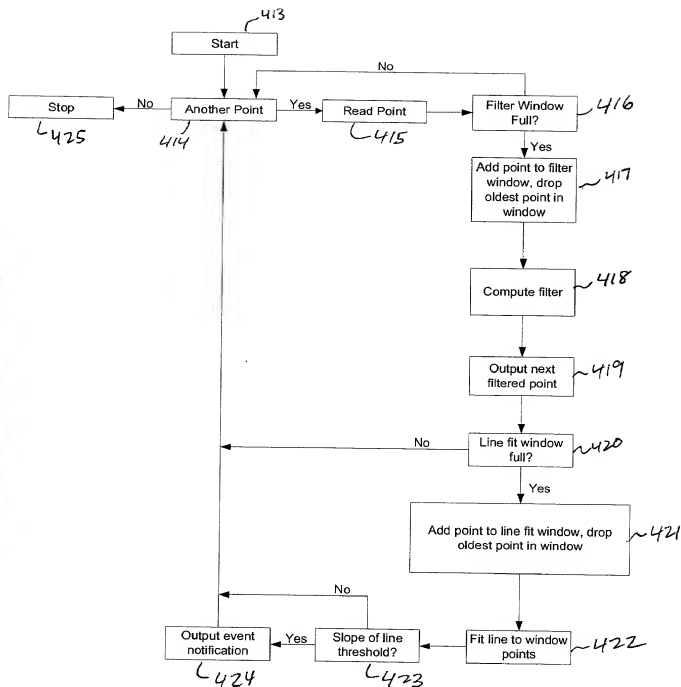


FIG. 5

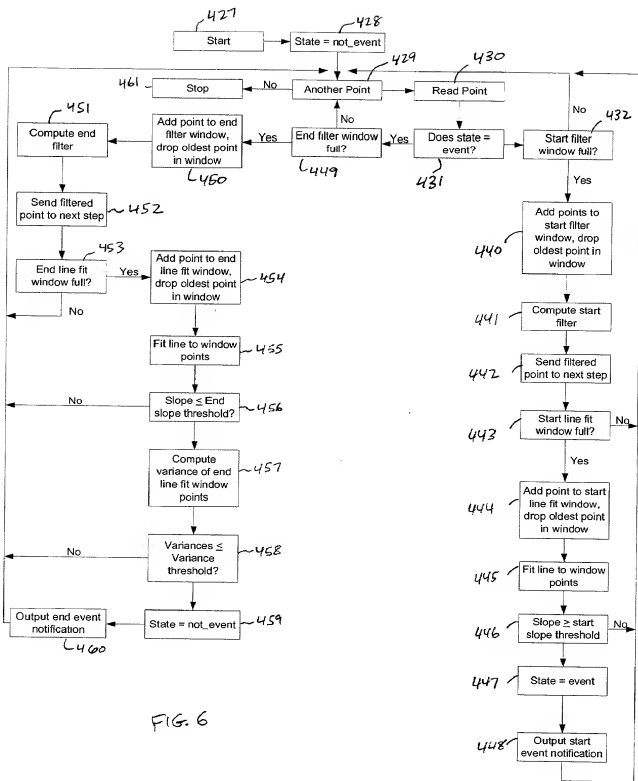


FIG. 6

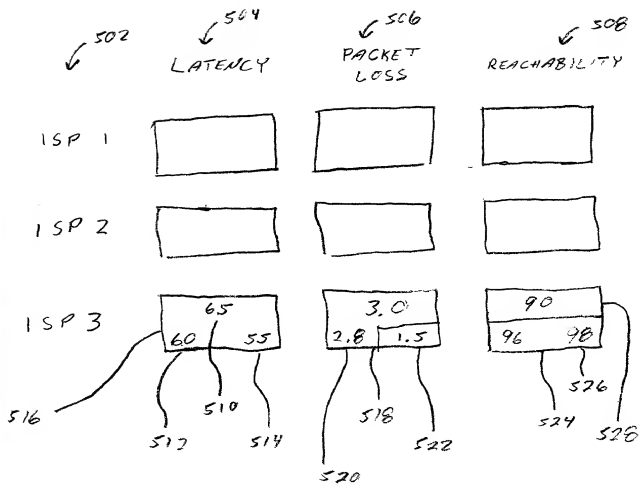


FIG 7